

Product datasheet for **RG224939**

FBXL6 (NM_024555) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FBXL6
Synonyms:	FBL6; FBL6A; PP14630
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG224939 representing NM_024555
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCCCCAGCCTCCCGCAGGTCCGACGCAGAGCCCGGGCAGCGCCGCGGCCCGCTCGGCCGAGG
 ACTGGTGGTGGGACCGGCTGGCGCCGAGGGGCTCGGGGTACCACTGCTGCAGTCCGACAGCATGCTGCT
 GGTGCTGTCCGAACCCGGCCCCGCCCGGCCCGCGCACAGCGGCGCGCTTCCCGCCGCACTCCCGGCAG
 CCGCCCCGGGGCCCCAGCGCCGCGGCCAAGCCCAAGGCCGGGCTCAGGTCGAGGCGGCGGCCGCCGCCG
 CACCCGCACCGCACCCACGCCACGCCGAGGAAGGCCCGACGCGGGCTGGGAGACCGCATTCCTTT
 GGAAATCCTGGTGAGATTTTCGGGTGTTGGTGGCGGCGGACGGCCCATGCCCTTCTGGGCAGGGCT
 GCGCGCGTGTGCCCGCTGGCAGGAGGCGCTTCCCAACCGCGCTCTGGCACACCGTGACCTGTCTGT
 CCCCCTGCTGGCGGCGCTGCCAAGGCGGGGTCAAGGCGGAGAAGAAGCTCCTTGCTTCCCTGGAGTG
 GCTTATGCCAATCGTGTTCACAGCTCCAGAGGCTGACCTCATCCACTGGAAGTCTCAGCTGGTAGGT
 GAGTGTCTCTCGGCTCACTTTCCTCAAGCTCTCCGGCTGCCACGGTGTGACTGCTGACGCTCTGGTCA
 TGCTAGCCAAAGCTGTGCCAGCTCCATAGCCTGGACCTACAGCACTCCATGGTGGAGTCCACAGCTGT
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 GCCATCCTGGGCGCACTGCTGGGAGCTGCTGCCCCAGCTCCAGGTCTGGAGGTGAGCACCGGCATCA
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 GCGGCTGTTGAACCTGATGTGGCTGCCAAGCCTCCGGGACGAGGGGTGGCTCCCGGACAGGCTTCCCT
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 GGATCTGCCATGTGCGGAGCTGGAGCAGCTTCACTGGGCTGTATGGCACGTGAGACCGGCTGACTCTA
 GCCAAGGAGGGCAGCCCCTTTTGACCCAGAAAGTGGTCCATACACTGCGAGAACTGGACTTGAGTGGCC
 AGGGGTTCACTGAGAAGGACCTGGAGCAGGCCCTGGCTGCCTTCTTAAGCACCCCTGGGGGCTCACACC
 AGCCCTGTGCTCTCTTAACCTCAGGGGCACCGGGTACACCAAGCACTGTCAGCTCTGTGATCAGCAGC
 TGCCCGGGCTGCTCTACCTCAACCTGGAGTCTGCCGCTGCCTTCCCGGGGTCTGAAGCGGGCTTACC
 GGGGCTGGAGGAAGTCCAGTGGTGTCTGGAGCAGCTGCTACCCAGCCCTCACCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

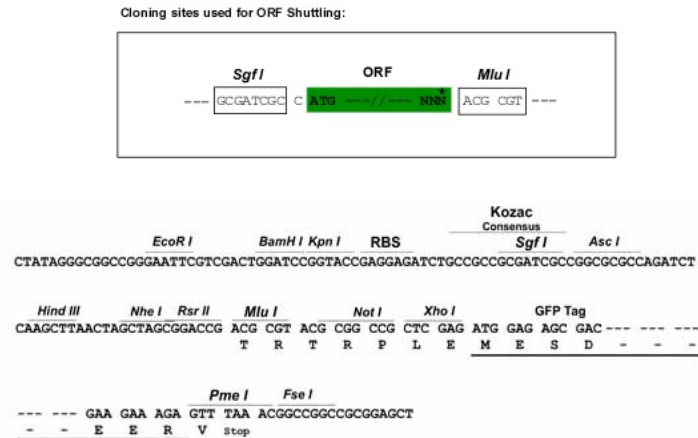
Protein Sequence: >RG224939 representing NM_024555
 Red=Cloning site Green=Tags(s)

MAAPASRQVRRRARAPRPSAEDWWDR LAPRGSGYHLLQSDSMLLVLESGPARPRAQRASRRTPRQ
 PPRGPSAAAKPKAGLRSEAAAAPAPAPTPTPEEGPDAGWGDRIPLEILVQIFGLLVAADGPMPLGRA
 ARVCRRWQEAASQPALWHTVTLSSPLVGRPAKGGVKAEEKLLASLEWLMPNRFSQLQRLTLIHWKSQLVG
 ECCPRLTFLKLSGCHGVTADALVMLAKACQLHSLDLQHSMVESTAVVSFLEEAGSRMRKLWLTYSSTT
 AILGALLGSCCPQLQVLEVSTGINRNSIPLQLPVEALQKGPQLQVLRLLNLMWLPKPPGRGVAPGPGFP
 SLEELCLASSTCNFVSNEVLGRLLHGSPNLRLLDLRGARITPAGLQDLPCRELEQLHLGLYGTSDRLTL
 AKEGSPFLTQKWCHTLRELDLSGQGFSEKDLEQALAAFLSTPGGSHPALCSLNLRGTRVTPSTVSSVISS
 CPGLLYLNLESCRCLPRGLKRAYRGLEEVQWCLEQLLTSPSPS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024555

ORF Size: 1599 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_024555.4](#)

RefSeq Size: 1781 bp

RefSeq ORF: 1602 bp

Locus ID: 26233

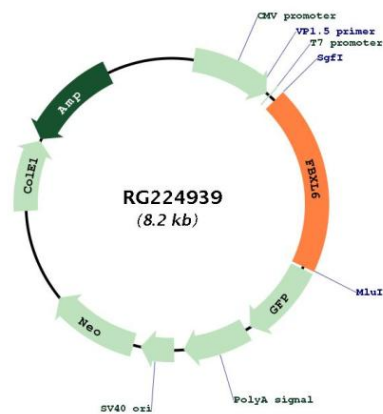
UniProt ID: [Q8N531](#)

Cytogenetics: 8q24.3

Domains: LRR, F-box, LRR_CC

Gene Summary: This gene encodes a member of a family of proteins that are characterized by an F-box motif. The encoded protein also contains leucine-rich repeats. F-box-containing proteins comprise one of the subunits of the SCF (SKP1-cullin-F-box) complex, which functions in phosphorylation-dependent ubiquitination. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG224939